

**METHOD FOR PRODUCING SYNTHETIC RESIN LAMINATE HAVING  
PHOTOCHROMIC CHARACTERISTICS**

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**Abstract**

**PROBLEM TO BE SOLVED:** To provide a method for continuously and easily producing a synthetic resin laminate which retains characteristics of a photochromic organic compound, such as quick coloring and decoloring and has a uniform thickness of a photochromic layer.

**SOLUTION:** In the method, in which one face of a continuously moving transparent synthetic resin layer is continuously and uniformly coated with a resin layer having photochromic characteristics, this resin layer is dried and another transparent synthetic resin layer is continuously stuck to continuously produce the synthetic resin laminate, comprising two transparent synthetic resin layers and a resin layer having photochromic characteristics and a uniform thickness of 50-250  $\mu\text{m}$ , interposed between the two transparent synthetic resin layers, the transparent synthetic resin layer coated with the resin layer having photochromic characteristics and 40-90 wt.% solid concentration, is passed through a drying machine kept at a constant temperature in the temperature range from a temperature above the room temperature to a temperature lower [(the boiling point of a solvent to be removed) +80 deg.C], at a specified velocity V (m/min) to remove the solvent.

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